

**Amendments to the Specification:**

Please replace the paragraph beginning at page 3, line 21, and ending at page 3, line 29 (paragraph [0012] as published), with the following rewritten paragraph:

B1  
A variety of alpha olefin monomers are useful in this invention, including homopolymers, copolymers and terpolymers, which can be present in the reactant mixture in different amounts, alone or in combination. Preferably, these monomers are present at a charge rate of about 4% to 22% based on total weight of the reactant mixture. Charge rate is herein defined as the weight percent of total charge including solvent, co-catalyst, catalyst, and alpha olefin monomers. More preferably, these monomers are present at a charge rate of 8% to 20% based on total weight of the reactant mixture. Examples of alpha olefin monomers that are useful in this invention are ~~co-polymers~~ co-monomers of 1-hexene and 1-dodecene alpha olefins; or ~~co-polymers~~ co-monomers of 1-octene and 1-tetradecene alpha olefins in a 1:1 ratio based upon mole weight of the monomers.

Please replace the paragraph beginning at page 12, line 22, and ending at page 13, line 4 (paragraph [0046] as published), with the following rewritten paragraph:

B2  
Reactant Mixture. Generally, the reactant mixture includes alpha olefin monomers and solvent, which is then combined with the "catalyst system," discussed above. Useful alpha olefin monomers broadly include any that are capable of forming a polyalphaolefin with the desired properties discussed herein. Preferably, the alpha olefin monomers have 2 to 20 carbon atoms. Homopolymers, copolymers and terpolymers may be used. Preferred alpha olefins include ethylene, propylene, 1-butene, 4-methyl-1-pentene, 1-hexene, 1-octene, 1-decene, 1-dodecene and 1-tetradecene; conjugated or unconjugated dienes such as butadiene and 1,4-hexadiene; aromatic vinyls such as styrene; and cyclic olefins such as cyclobutene. Most preferably, the alpha olefin monomers are ~~co-polymers~~ co-monomers of 1-hexene and 1-dodecene present in a 1:1 mole ratio; or ~~co-polymers~~ co-monomers of 1-octene and 1-tetradecene present in a 1:1 mole ratio. The alpha olefin monomers can be present in the reactant mixture at a charge rate of 4% to 22% based upon the total weight of the reactant mixture, or more preferably, at a charge rate of 8% to 20%.